

CLAIMS

1. A secure cage for a cable securing structure, for providing a dedicated space for locating of specific cables for use for signal transmission in the telecommunications field, said cage being formed of a series of panels, capable of being erected into its space providing structure, or folded and collapsed as during non-use for providing direct access to the cables for servicing, a series of foldable panels, said panels being folded into an erected polygonal shape to provide security for any cables located therein, said panels for the cage forming a pair of side panels, and front panels, the side panels capable of securing to the approximate structure, the front panels capable of being locked into a protective configuration, said front panels capable of being opened, and in conjunction with the side panels, being folded back to provide access to any cables maintained therein during servicing.

2. The secure cage of Claim 1 wherein said cage locates within a manhole structure of the type provided for accommodating a plurality of fiber optic cables, the side panels of the cage being permanently secured to a side of the manhole structure, and the front panels capable of being locked into position for providing security and protection for any cables therein, but further capable of being opened to provide access to the cables for servicing.

3. The secure cage of Claim 1 wherein said cage being provided within a manhole structure, one of said sidewalls being permanently affixed to a side of the manhole structure, and the other side panel being normally fastened and locked to the side of the manhole structure, but capable of being opened, to provide for folding of the

various cage panels into a non-usable position to provide access to the cables during servicing.

4. The secure cage of Claims 2 or 3 and wherein said panels include a series of perforations to provide ventilation to the cables disposed therein.

5. The secure cage of Claim 4 wherein said secure cage is provided for protecting the spliced dedicated cables for an individual customer.

6. The secure cage of Claim 5 wherein the front panel includes a pair of front panels, said front panels having sides, said front panels, along one side, being hinged together, and said front panels at their other sides being hinged to the side panels for the said cage, whereby all of said panels may be folded into a collapsed and substantially flattened condition when the cage is opened during servicing of the cables, but can be erected and locked into closure to provide protection and securement for any cables installed therein.

7. The secure cage of Claim 6 wherein its panels are formed of a lightweight material.

8. The secure cage of Claim 7 wherein the panels are formed of aluminum.

9. The secure cage of Claim 7 wherein said panels are formed of a rigid polymer.

10. The secure cage of Claim 7 wherein each secure cage has a dimension of approximately four feet wide, and one to two feet deep, and five feet in height.

11. The secure cage of Claim 10 wherein each panel of the secure cage is approximately five feet in height, and 18 to 24 inches in width.

12. The secure cage of Claim 1, wherein that edge of each side panel that secures to a side of the manhole structure includes an angle, and each angle capable of fastening to the side of the manhole.

13. The secure cage of Claim 2, wherein one edge of one side panel, including an angle, and capable of being rigidly fastened to a side of the manhole, while an edge of the opposite side panel capable of being removably locked to the side of the manhole structure during installation and erection of the secure cage.